

Stormwater Monitoring Data EPL 1967

Analyte	Units	20 Jan 2017	17 Feb 2017	15 March 2017	04 April 2017	14 May 2017	03 June 2017
pH	pH	6.76	5.78	6.81	6.09	8.82	7.16
Aluminium (dissolved)	mg/L	0.008	0.25	<0.01	0.03	0.01	<0.01
Aluminium (total)	mg/L	2.26	3.08	0.56	1.35	1.05	0.61
Ammonia	mg/L	102	69.1	53.5	37	953	40.8
Arsenic ** (dissolved)	mg/L	NA	0.017	NA	NA	NA	NA
Arsenic ** (total)	mg/L	NA	0.019	NA	NA	NA	NA
Cadmium (dissolved)	mg/L	<0.001	0.002	<0.0001	0.0005	<0.0001	<0.0001
Cadmium (total)	mg/L	0.044	0.0088	0.0011	0.0026	0.0022	0.002
Lead (dissolved)	mg/L	0.717	<0.001	<0.001	<0.001	<0.001	<0.001
Lead (total)	mg/L	1.15	0.026	0.004	0.013	0.009	0.004
Mercury (dissolved)	mg/L	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Mercury (total)	mg/L	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Nitrate	mg/L	4.29	6.8	0.2	2.4	<0.05	1.86
Nitrite	mg/L	0.8	1	<0.05	0.1	<0.05	0.54
Total Nitrogen	mg/L	168	78	55.6	39.5	1210	49.1
Total Kjeldahl Nitrogen	mg/L	163	70.2	55.4	37	1210	46.7
Phosphate	mg/L	702	567	200	245	975	132
Phosphorus (dissolved reactive)	mg/L	144	176	65.5	70.1	282	40.1
Phosphorus (total)	mg/L	229	185	65.2	80	318	43.1
Sulfate	mg/L	186	345	46	85	682	189
Sulfur	mg/L	195	310	44	88	594	159
Sulfide (dissolved)	mg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Total Suspended Solids	mg/L	110	75	59	53	213	44
Zinc (dissolved)	mg/L	0.06	112	0.02	0.196	0.008	0.116
Zinc (total)	mg/L	0.21	1.93	0.312	0.590	0.588	0.455

** only required to be monitored following Sulphate of Ammonia operation

Analyte	Units	11 July 2017	August 2017	September 2017	October 2017	November 2017	December 2017
pH	pH	9.51					
Aluminium (dissolved)	mg/L	0.04					
Aluminium (total)	mg/L	2.84					
Ammonia	mg/L	1.78					
Arsenic ** (dissolved)	mg/L	NA					
Arsenic ** (total)	mg/L	NA					
Cadmium (dissolved)	mg/L	<0.001					
Cadmium (total)	mg/L	0.0049					
Lead (dissolved)	mg/L	0.001					
Lead (total)	mg/L	0.176					
Mercury (dissolved)	mg/L	<0.0001					
Mercury (total)	mg/L	<0.0001					
Nitrate	mg/L	<0.05					
Nitrite	mg/L	0.24					
Total Nitrogen	mg/L	1.75					
Total Kjeldahl Nitrogen	mg/L	1.75					
Phosphate	mg/L	149					
Phosphorus (dissolved reactive)	mg/L	14					
Phosphorus (total)	mg/L	48.5					
Sulfate	mg/L	191					
Sulfur	mg/L	195					
Sulfide (dissolved)	mg/L	<0.1					
Total Suspended Solids	mg/L	363					
Zinc (dissolved)	mg/L	0.067					
Zinc (total)	mg/L	1.3					

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